EAST Search History

EAST Search History (Prior Art)

| Ref# | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------|------|---|---|---------------------|---------|---------------------|
| S1 | 5257 | ((communication or message) same (transmit \$3 or send\$3) same (receiver or device)) and (check\$3 or validat\$3) and (number near3 generator) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/03/26 07:50 |
| S2 | 5257 | (((communication or message) same (transmit \$3 or send\$3) same (receiver or device)) and (check\$3 or validat\$3) and (number near3 generator)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/03/26 07:51 |
| S3 | 940 | 380/255 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | NON | 2008/03/26 07:52 |
| S4 | 3128 | 455/418 | US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | NON | 2008/03/26 07:52 |
| S5 | 1572 | 455/420 | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/03/26 07:52 |
| S6 | 4469 | 455/466 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/03/26 07:52 |
| S7 | 49 | S1 and S3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/03/26 07:52 |

| S8 | 12 | St and S4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/03/26 07:52 |
|-----|--------|--|---|-----|----|---------------------|
| S9 | 6 | St and S5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/03/26 07:52 |
| S10 | 13 | St and So | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/03/26 07:52 |
| S11 | 336488 | (remote or wireless) same (control or activation) same (device or system) | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/03/26 07:56 |
| S12 | 1709 | St and St1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/03/26 07:57 |
| S13 | 21 | S12 and S3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/03/26 07:57 |
| S14 | 8 | S12 and S4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/03/26 07:57 |
| S15 | 6 | S12 and S5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/03/26 07:57 |
| S16 | 9 | S12 and S6 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/03/26 07:57 |

| S17 | 374 | ((communication or message) same (transmit \$3 or send\$3) same (receiver or device)) and (check\$3 or validat\$3) and (number near3 generator) and ((Short near3 message near3 system) or sms) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | | 2008/03/26 08:00 |
|------|-----|---|---|-----|-----|---------------------|
| S18 | 10 | S17 and S3 | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/03/26 08:01 |
| S19 | 2 | S17 and S4 | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/03/26 08:01 |
| \$20 | 2 | S17 and S5 | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/03/26 08:01 |
| S21 | 5 | S17 and S6 | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/03/26 08:01 |
| S23 | 21 | ((communication or message) same (transmit \$3 or send\$3) same (receiver or device) same (control near3 message)) and (check\$3 or validat \$3) and (number near3 generator) and ((Short near3 message near3 system) or sms) | US-PGPUB; USPAT; USOCR; FPHS; EPO; JPO; DERWENT; IBM_TDB | AND | S . | 2008/03/26 08:09 |
| \$27 | 21 | ((communication or message) same (transnit \$3 or send\$3) same (receiver or device)) and (check\$3 or validat\$3) and (number near3 generator) and (Short near3 message near3 system) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/03/26 08:14 |

| S28 | 37 | ((communication or message) same (transmit \$3 or send\$5) same (receiver or device)) and (check\$3 or validat\$3) and (number near3 generator) and (Secure near3 message near3 system) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | | 2008/03/26 08:15 |
|-----|-------|---|---|-----|----|---------------------|
| S31 | 4013 | ((communication or message) same (transmit \$3 or send\$3) same (receiver or device)) and (check\$3 or validat\$3) and (random near3 number near3 generator) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/03/26 09:44 |
| S32 | 10 | ((communication or message) same (transmit \$3 or send\$3) same (receiver or device)) and (check\$3 or validat\$3) and (random near3 number near3 generator) and (short near3 message near3 system) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/03/26 09:45 |
| S33 | 21 | ((communication or message) same (transmit \$5 or send\$3) same (receiver or device)) and (check\$3 or validat\$3) and (number near3 generator) and (Short near3 message near3 system) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/03/26 09:48 |
| S37 | 18 | (number near2 generator) and (Short near2 message near2 system) | US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/03/26 09:48 |
| S38 | 2 | method near2 remotely near2 controlling near3 regulating.ti. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/29 10:18 |
| S39 | 14612 | (remote\$3 or external\$3) same (control\$4) same (home same (appliance or systems)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO: DERWENT | AND | ON | 2008/10/29 12:46 |

| S40 | 300 | (remote\$3 or external\$3) same (control\$4 or regulat\$3) same (home same (appliance or systems)) and ((valid\$5 or authenticat\$5) same code) same (encrypt\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ************************************** | 2008/10/29 12:48 |
|-------------|------|---|---|-----|--|---------------------|
| S41 | 20 | (remote\$3 or external\$3) same (control\$4 or regulat\$3) same (home adj (appliance or systems)) and ((valid\$5 or authenticat\$5) same code) same (encrypt\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/29 12:51 |
| S48 | 144 | (remote\$3 or external\$3) same (control\$4) same (home same (appliance or systems)) same (sms same message) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/29 15:54 |
| S49 | 2 | (remote\$3 or external\$3) same (device) same (home same (appliance)) same (sms same message) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/29 15:55 |
| S 50 | 112 | (remote\$3 or external\$3) same (device) same (home same (appliance)) and (sms same message) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/29 15:56 |
| S51 | 7 | (remote\$3 or external\$3) same (device) same (home same (appliance)) and (sms same message) same (transmit\$3 or send \$3) same (code) | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/29 15:59 |
| S52 | 13 | control\$3 same home same appliance same sms same message | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/29 16:00 |
| S56 | 1442 | 340/310.01 | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/10/30 09:05 |
| S57 | 300 | (remote\$3 or external\$3) same (control\$4 or regulat\$3) same (home same (appliance or systems)) and ((valid\$5 or authenticat\$5) same code) same (encrypt\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/30 09:06 |

| S58 | 4 | S56 and S57 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | | 2008/10/30 09:06 |
|-----|--------|---|---|-----|----|---------------------|
| S61 | 12560 | remote\$3 same control\$4 same applianc\$2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/10/30 09:07 |
| S62 | 145 | S56 and S61 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/10/30 09:08 |
| S63 | 8 | [("5321229" "6199755" "6388564" "6587739"). PN. OR ("6956461"). URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/10/30 09:17 |
| S64 | 1740 | 455/420 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/30 12:29 |
| S65 | 259 | 455/420.cor. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/30 12:29 |
| S66 | 300 | (remote\$3 or external\$3) same (control\$4 or regulat\$3) same (home same (appliance or systems)) and ((valid\$5 or authenticat\$5) same code) same (encrypt\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/30 12:29 |
| S67 | 1 | S64 and S66 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/30 12:29 |
| S68 | 123461 | (signal or code or message or (sms)) same (control\$4 or regulat\$4) same (appliance or (external same device)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/30 13:59 |
| S69 | 16727 | (signal or code or message or (sms)) same (control\$4 or regulat\$4) same (appliance) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/30 13:59 |

| S70 | 2351 | (signal or code or message or (sms)) same (control\$4 or regulat\$4) same (appliance or (external same device)) same (remote\$3 or wireless) and (encrypt\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/30 14:00 |
|-----|------|---|---|-----|------------|---------------------|
| S71 | 29 | S64 and S70 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/30 14:01 |
| S72 | 890 | (signal or code or message or (sms)) same (control\$4 or regulat\$4) same (appliance) same (remote\$3 or wireless) and (encrypt\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/30 14:03 |
| S73 | 15 | 964 and 972 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/30 14:03 |
| S74 | 1442 | 340/310.01 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | O N | 2008/10/30 14:03 |
| S75 | 12 | S74 and S72 | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/30 14:03 |
| S77 | 295 | (signal or code or message) same (control \$4 or regulat\$4) same (appliance or (external same device)) same (remote\$3 or wireless) and (encrypt\$4) and sms | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/30 14:06 |
| S78 | 56 | (signal or code or message) same (control \$4 or regulat\$4) same (appliance) same (remote \$3 or wireless) and (encrypt\$4) and sms | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON . | 2008/10/30 14:07 |
| S79 | 640 | controi\$3 adj home adj appliance | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/30 14:12 |
| S80 | 111 | (control\$3 adj home adj appliance) same (remotely) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/30 14:12 |

| S81 | 49 | (control\$3 adj home adj appliance) same (remote) same (service or repair) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/30 14:17 |
|-----|------|---|---|-------------|----|---------------------|
| S83 | 26 | ("20010048376" "3736765" "4038061" "4829779" "5279458" "5435147" "5460006" "5495722" "5708223" "5745049" "6064310" "6332227").PN. OR ("6502411").URPN. | US-PGPUB; USPAT; USOCR | AND | S | 2008/10/30 16:02 |
| S85 | 1442 | 340/310.01 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AN D | ON | 2008/10/31 07:40 |
| S86 | 2351 | (signal or code or message or (sms)) same (control\$4 or regulat\$4) same (appliance or (external same device)) same (remote\$3 or wireless) and (encrypt\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/31 07:40 |
| S87 | 14 | S85 and S86 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/31 07:40 |
| S88 | 4002 | 713/168 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | and | ON | 2008/10/31 07:51 |
| S89 | 936 | 713/169 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/31 07:51 |
| S90 | 4489 | ((communication or message) same (transmit \$3 or send\$3) same (receiver or device)) and (check\$3 or validat\$3) and (random near3 number near3 generator) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/10/31 07:51 |
| S91 | 195 | S90 and S88 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB | AND | ON | 2008/10/31 07:51 |

| S92 | 61 | S90 and S89 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | | 2008/10/31 07:51 |
|------|------|--|---|-----|----|---------------------|
| S93 | 36 | S86 and S88 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/31 07:52 |
| S94 | 10 | S86 and S89 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/31 07:52 |
| S95 | 890 | (signal or code or message or (sms)) same (control\$4 or regulat\$4) same (appliance) same (remote\$3 or wireless) and (encrypt\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/31 08:00 |
| S96 | 19 | 995 and 988 | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/31 08:00 |
| S97 | 3 | 995 and 989 | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/31 08:00 |
| S98 | 1442 | 340/310.01 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/10/31 08:08 |
| S99 | 2 | \$98 and \$88 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/10/31 08:08 |
| S101 | 1740 | 455/420 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/31 08:09 |
| S102 | 26 | S101 and S88 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB | AND | ON | 2008/10/31 08:09 |

| S103 | 7 | S101 and S89 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/10/31 08:09 |
|------|--------|---|---|-----|----|---------------------|
| S107 | 300 | (remote\$3 or external\$3) same (control\$4 or regulat\$3) same (home same (appliance or systems)) and ((valid\$5 or authenticat\$5) same code) same (encrypt\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/31 09:24 |
| S108 | 13 | S107 and S88 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/31 09:24 |
| S109 | 1 | S107 and S89 | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/31 09:24 |
| S110 | 130252 | ((mobile or portable or communication) same (device)) same (transmit \$3 or send\$3 or receiv\$3) same (message or (sms) or code or information) same (appliance or system) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/31 09:30 |
| S111 | 1591 | ((mobile or portable or communication) same (device)) same (transmit \$3 or send\$3 or receiv\$3) same (message or (sms) or code or information) same (home near3 ((appliance or system)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | O. | 2008/10/31 09:31 |
| S112 | 13 | S111 and S88 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/31 09:31 |
| S114 | 678 | S110 and S88 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/31 09:32 |
| S115 | 5324 | ((mobile or portable or communication) same (device)) same (transmit \$3 or send\$3 or receiv\$3) same (message or (sms) or code or information) same (home same (appliance or system)) | US-PGPUB; USPAT; USOCR; FPRS, EPO; JPO; DERWENT | AND | ON | 2008/10/31 09:33 |

| S116 | 51 | S115 and S88 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | MON | 2008/10/31 09:33 |
|------|-------|--|--|-----|-----|---------------------|
| S117 | 6 | S115 and S89 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/31 09:33 |
| S118 | 21562 | ((mobile or portable) same (device)) same (transmit\$3 or send\$3 or receiv\$3) same (message or (sms) or code) same ((appliance or system)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND |) | 2008/10/31 09:41 |
| S119 | 143 | S118 and S88 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/31 09:41 |
| S120 | 33 | S118 and S89 | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/31 09:41 |
| S121 | 1053 | ((mobile or portable) same (device)) same (transmit\$3 or send\$3 or receiv\$3) same (message or (sms) or code) same (authenticat\$3) same ((appliance or system)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/31 09:48 |
| S122 | 42 | S121 and S88 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/31 09:49 |
| S123 | 15 | S121 and S89 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/31 09:49 |
| S124 | 19 | ("4841433" "4888800" "5164988" "5199072" "5329573" "5588062" "5794139" "5812955" "5850444" "5889661" "6026298" "6128389" "6134431" "6477387" "6707915").PN. OR ("7123719").URPN. | US-PGPUB; USPAT; USOCR | AND | SO | 2008/10/31 09:51 |
| S125 | 2871 | 455/419 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/31 10:00 |

| S126 | 1740 | 455/420 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/31 10:00 |
|------|------|---|--|-----|----|---------------------|
| S127 | 56 | S125 and S88 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/31 10:00 |
| S128 | 13 | S125 and S89 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/31 10:00 |
| S129 | 7 | S126 and S89 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/31 10:00 |
| S130 | 26 | S126 and S88 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/10/31 10:00 |
| S138 | 2 | (control\$3 adj home adj appliance) same (remotely) same (authenticat\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/12/05 09:36 |
| S139 | 170 | (signal or code or message or (sms)) same (control\$4 or regulat\$4) same (appliance) same (remote\$3 or wireless) and (encrypt\$4) and (random near3 number) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2009/03/24 14:52 |
| S141 | 7 | ("5109221" "5412379" "5696828").PN. OR ("5940002").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2009/10/27 14:42 |
| S143 | 359 | ((control5 or regulat\$5) same (system or appliance)) and ((secure or protect) same (command or signal) same (unauthorized)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2009/10/28 10:17 |
| S144 | 5017 | 713/168 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2009/10/28 10:18 |
| S145 | 5017 | S144 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2009/10/28 10:18 |
| S146 | 1199 | 713/169 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2009/10/28 10:18 |

| S147 | 1199 | S146 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2009/10/28 10:18 |
|------|------|------------|---|-----|------|---------------------|
| S149 | 1516 | 340/310.01 | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/10/28 10:18 |
| S150 | 1516 | S149 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2009/10/28 10:18 |
| S151 | 4192 | 455/418 | US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/10/28 10:18 |
| S152 | 4192 | S151 | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/10/28 10:18 |
| S153 | 2032 | 455/420 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON . | 2009/10/28 10:18 |
| S154 | 2032 | S153 | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DE#WENT; IBM_TDB | AND | ON | 2009/10/28 10:18 |
| S155 | 6063 | 455/466 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/10/28 10:18 |
| S156 | 6063 | S155 | US.PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/10/28 10:18 |

| S157 | 16 | S143 and S144 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AN D | ON | 2009/10/28 10:18 |
|------|-----|--|---|-------------|----|---------------------|
| S158 | 3 | S143 and S146 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/10/28 10:18 |
| S160 | 1 | S143 and S150 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DEFWENT; IBM_TDB | AND | ON | 2009/10/28 10:18 |
| S161 | 1 | S143 and S149 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/10/28 10:19 |
| S162 | 1 | S143 and S151 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/10/28 10:19 |
| S164 | 1 | S143 and S155 | US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/10/28 10:19 |
| S165 | 138 | ((control5 or regulat\$5) same (system or appliance)) and ((secure or protect) same (transmit \$4) same (command or signal) same (unauthorized)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2009/10/28 10:21 |
| S166 | 138 | ((regulat\$5) same (system or appliance)) and ((secure or protect) same (transmit\$4) same (command or signal) same (unauthorized)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2009/10/28 10:21 |

| S168 | 165 | ((control5 or regulat\$5) same (system or appliance)) and ((secure or protect) same (transmit \$4) same (command or signal) same (compromis \$3 or hacker or unauthorized)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2009/10/28 10:23 |
|------|------|--|--|-----|----|---------------------|
| S169 | 1119 | ((secure or protect) same (transmit\$4) same (command or signal) same (compromis\$3 or hacker or unauthorized)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2009/10/28 10:24 |
| S170 | 20 | ((secure or protect) same (transmit\$4) same (command or signal) same (compromis\$3 or hacker or unauthorized) same ((random near3 number) or nonce)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2009/10/28 10:25 |
| S171 | 12 | ((control5 or regulat\$5) same (system or appliance)) and ((secure or protect) same (transmit \$4) same (command or signal) same (unauthorized) same ((random near3 number) or nonce)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | OX | 2009/10/28 10:26 |
| S172 | 38 | ((secure or protect or prevent) same (transmit \$4) same (command or signal) same (compromis \$3 or hacker or unauthorized) same ((random near3 number) or nonce)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2009/10/28 10:26 |
| S173 | 2 | S169 and S150 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2009/10/28 10:28 |
| S174 | 6 | S169 and S155 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2009/10/28 10:28 |
| S175 | 2 | S169 and S151 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2009/10/28 10:28 |
| S176 | 10 | S169 and S146 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2009/10/28 10:29 |

| S177 | 28 | S169 and S144 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2009/10/28 10:29 |
|------|----|---|--|-----|----|---------------------|
| S178 | 20 | ((secure or protect) same (transmit\$4) same (command or signal) same (compromis\$3 or hacker or unauthorized) same ((random near3 number) or nonoe)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2009/10/28 10:30 |
| S179 | 16 | ((control5 or regulat\$5) same (system or appliance)) and ((secure or protect) same (command or signal) same (unauthorized) same ((random near3 number) or nonce)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2009/10/28 10:31 |

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